



PATENT

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Applicant : Wilf LeBlanc, et al.
Application No. : 09/533,022
Filed : March 22, 2000
Title : VOICE AND DATA EXCHANGE OVER A PACKET
BASED NETWORK WITH ECHO CANCELLATION
Grp./Div. : 2739
Examiner : To be assigned
Docket No. : 36791/CAG/B600

INFORMATION DISCLOSURE STATEMENT
37 CFR § 1.97(b)

Assistant Commissioner for Patents
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068
September 6, 2000

Commissioner:

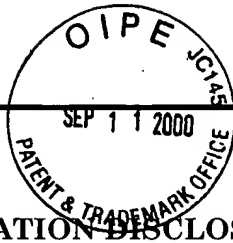
In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO-1449 listing the references that are known to applicant. Copies of each of the listed references are enclosed. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO-1449 be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Respectfully submitted,
CHRISTIE, PARKER & HALE, LLP

By *Craig A. Gelfound*
Craig A. Gelfound
Reg. No. 41,032
626/795-9900

CAG/ej
Enclosures: PTO-1449, w/references
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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

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|------------------------|----------------------|
| Attorney Docket Number | 36791/CAG |
| Application Number | 09/533,022 |
| Filing Date | March 22, 2000 |
| Applicant(s) | Wilf LeBlanc, et al. |
| Group Art Unit | 2739 |
| Examiner Name | To be assigned |

U.S. PATENT DOCUMENTS

| EXAMINER INITIALS | DOCUMENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|-----------------|------------|----------------|-------|----------|----------------------------|
| | 5,598,468 | 01/1997 | Ammicht et al. | 379 | 410 | |
| | 5,329,587 | 07/1994 | Morgan et al. | 379 | 410 | |
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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIALS | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION | |
|-------------------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| | | | | | | YES | NO |
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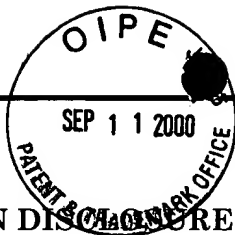
OTHER DOCUMENTS

| EXAMINER INITIALS | Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
|-------------------|---|
| | MAN MOHAN SONDDHI and DAVID A. BERKLEY, Silencing Echoes on the Telephone Network, Proceedings of the IEEE, August 1980, pages 948-963, Vol. 68, No. 8 |
| | DENNIS R. MORGAN and JAMES C. THI, A Delayless Subband Adaptive Filter Architecture, IEEE Transactions on Signal Processing, August 1995, pages 1819-1830, Vol. 43, No. 8 |
| | DENNIS R. MORGAN and JAMES THI, A Multitone Pseudocascade Filtered-X LMS Adaptive Notch Filter, IEEE Transactions on Signal Processing, February 1993, pages 946-960, Vol. 41, No. 2 |
| | DENNIS R. MORGAN and JAMES THI, A Multi-Tone Pseudo-Cascade Filtered-X LMS Adaptive Notch Filter, Digital Signal Processing, pages 2090-2096, ICASSP 91, Vol. 3 D, May 1991, Toronto, Ontario, Canada |
| | JAMES THI and DENNIS R. MORGAN, A Broadband Pseudo-Cascade Active Control System, Speech Processing 2 Audio Neural Networks Underwater Acoustics, pages II-232-II-236, ICASSP-92, Vol. 2, S ₂ ANU, March 1992, San Francisco, California |

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| EXAMINER SIGNATURE | | DATE CONSIDERED | |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449



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